

GOVERNMENT OF TELANGANA
ABSTRACT

MINES & MINERALS – Carrying-out Differential Global Positioning System survey and preparation of geo-referenced cadastral maps - Expression of Interest for Empanelment of Agencies – Notification – Issued.

INDUSTRIES & COMMERCE (M.I) DEPARTMENT

G.O.MS.No. 17

Dated: 19/03/2016
Read the following:

1. Circular No.2/2010 issued vide reference No.N-11013/3/MP/90-CCOM Vol.VII, dated 06-04-2010 by the Chief Controller of Mines, Indian Bureau of Mines, Nagpur.
2. Gazette Notification vide G.S.R. 710(E), dated 08.10.2014 issued by the Ministry of Mines, Government of India.
3. Gazette Notification vide G.S.R. 406(E), dated 20.05.2015 issued by the Ministry of Mines, Government of India.
4. From the Director of Mines & Geology, Telangana, Hyderabad Letter No.906/P/2014, dated:25.02.2016.

ORDER:

The differential global positioning system is an enhancement to the global positioning system that provides improved location accuracy. It uses a network of fixed, ground-based reference stations to broadcast the difference between the positions indicated by the global positioning system satellite and the known fixed positions.

2. In the reference second read above, the Ministry of Mines, Government of India issued certain amendments to the Mineral Concession Rules, 1960 including Rule 33 on the 'survey of the area leased' on the survey and demarcation of the area granted under lease and the survey of the area leased is to be conducted by the total station and differential global positioning system.

3. In the reference third read above, the Ministry of Mines, Government of India notified the Mineral (Auction) Rules, 2015 for allotment of mineral blocks through auction. As per Rule 5 and 9 of Mineral (Auction) Rules, 2015, the State Government shall, prior to issuance of the notice inviting tender with respect to mineral auction, identify and demarcate the area where a mining lease is proposed to be granted through auction by using total station and differential positioning system.

4. Similar procedure has to be adopted for grant of prospecting license/quarry leases in respect of minor minerals also for accuracy of the area under license/lease.

5. In the reference fourth read above, the Director of Mines & Geology submitted proposals for issue of Expression of Interest notification inviting applications for empanelment of agencies for use of differential global positioning system-total station survey for geo-referencing of the boundaries of the area(s) held under prospecting license/mining lease and quarry lease and for demarcation of mineral blocks for allotment.

6. Accordingly, the following notification shall be published in an Extraordinary Issue of Telangana Gazette dated the 22nd March, 2016.

NOTIFICATION

In exercise of the powers conferred by Section 15(1) of Mines and Minerals (Development and Regulation) Act, 1957 (Central Act 67 of 1957) the Governor of Telangana hereby issues the following order:

[P.T.O]

1. The Government shall issue Expression of Interest notification inviting sealed applications on attached format from organization/agency/individuals for Empanelment of Agencies for DGPS-Total Station Survey and Demarcation of the existing prospecting license/mining lease and quarry lease and for demarcation of mineral blocks for allotment duly fixing a suitable date for opening and closure of the Expression of Interest.
2. The Expression of Interest shall consist of applicants profile, financial details, experience of the applicant in survey and demarcation work with DGPS and Total Station, Technical Resources of the applicant, scope of work alongwith general terms and conditions as per formats annexed to these orders.
3. The Director of Mines & Geology shall be:
 - i. The receiving and processing authority on the applications received under the Expression of Interest.
 - ii. After verification of the documents shall submit proposals to the Government with specific recommendations against each application.
4. The Government shall issue notification empanelling the agencies.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF TELANGANA)

ARVIND KUMAR
PRINCIPAL SECRETARY TO GOVERNMENT & CIP

To

The Commissioner of Printing, Stationery & Stores purchase (Ptg wing),
Hyderabad. (with a request to publish the above Notification in the Extra
Ordinary Gazette of Telangana Gazette and furnish 100 copies to Govt.)

The Director of Mines and Geology, Hyderabad.

The Joint Director/Deputy Director/Assistant Director of Mines and Geology
through the Director of Mines and Geology

The Vice-Chairman & Managing Director, Telangana State Mineral Development
Corporation.

The Collectors/Joint Collectors in the State.

The Commissioner, Survey & Land Records.

The Joint Director/Regional Deputy Director/Assistant Director, Survey & Land
records through the Commissioner, Survey & Land Records.

The Principal Chief Conservator of Forest (Head of Forest Force), Government
of Telangana.

The Conservator of Forests/District/Divisional Forest Officers through the
Principal Chief Conservator of Forest.

The Chief Commissioner, Land Administration.

All Heads of Departments in Secretariat.

Copy to:

The Addl. Principal Secretary to the Chief Minister.

The P.S. to Minister for Revenue.

The P.S. to the Minister for Forest.

The P.S. to Minister for Mines and Geology.

The P.S. to the Chief Secretary.

The P.S. to Prl. Secretary to Government & CIP.

Sf/sc. (C.No.7457/M.I(1)/2015)

//Forwarded::By order//

SECTION OFFICER

**GOVERNMENT OF TELANGANA
INDUSTRIES AND COMMERCE DEPARTMENT**

NOTIFICATION

Notification No.

Date.....

The Government of Telangana invites sealed applications on attached format from organization/agency/individuals under Expression of Interest for Empanelment of Agencies for DGPS-Total Station Survey and Demarcation for existing mining lease/prospecting license/quarry lease/applied area and Mineral Blocks to be auctioned in the State of Telangana as per Rule 33 of Mineral Concession Rules, 1960 and Rule 5 and 9 of Mineral (Auction) Rules, 2015.

The terms, conditions and application form can be obtained from the Director of Mines & Geology, 8th Floor, BRKR Bhavan, Tankbund Road, Hyderabad-500 063 on payment of Rs.5,000/- (Rupees five thousand only) towards application cost in the form of a Demand Draft drawn from any Nationalized Bank in favour of the Director of Mines & Geology payable at Hyderabad.

Last date of submission of Expression of Interest is _____.

**PRINCIPAL SECRETARY TO GOVERNMENT,
INDUSTRIES & COMMERCE DEPARTMENT
& COMMISSIONER FOR INDUSTRIAL PROMOTION**

APPLICATION FORM

Self
attested
passport
size photo

- 1. Name of the Applicant/Firm:
- 2. Name of Proprietor/Partners/Director:
- 3. Address of the Firm with e-mail, mobile details:
- 4. Sale Tax Registration details (with certified copies):
- 5. Permanent Income Tax Number, (PAN) and Income Tax Circle:
- 6. Service Tax Registration details (with certified copies):
- 7. Power of Attorney (with certified copies):
- 8. Tenderer’s Bank: Account No., Branch, Address:
- 9. Address of the Registered Office:
- 10. Contact No.
 - Telephone:
 - Mobile:
 - Fax:

- 11. Registration & incorporation particulars of the firm (with certified copies):

I/ We hereby declare that the information furnished above is true and correct.

Place:
Date:

Signature & seal of the Applicant

ANNEXURE-I
FINANCIAL DETAILS OF THE APPLICANT

Financial Information			
	FY 2012-13 (In Lakh Rs)	FY 2013-14 (In Lakh Rs)	FY 2014-15 (In Lakh Rs)
Turnover (In INR)			
Profit Before Tax			
Turnover from IT services and system integration services			
Other Relevant Information			
Supporting Documents: a. Auditor Certified financial statements for the Last three financial years; 2014-15, 2013-14, and 2012-13 (Please include only the sections on Profit & Loss, Turnover and the assets, not the entire Balance Sheet.) b. Unaudited financial statements certified by the Company auditor for the latest year(2014-15) (in case the auditor certified statement for 2013-14 is not available) c. Certification by the company auditors supporting the Turnover break-up for IT Services and System Integration Services			

Signature & seal of the Applicant

ANNEXURE-II
EXPERIENCE OF THE APPLICANT IN SURVEY AND DEMARCATION WORK
WITH DGPS AND TOTAL STATION

(A) General Information: The following information shall be provided Project-wise.	
1. Applicant should have completed at least Ten projects/works of DGPS-Total Station Survey and Demarcation for mineral blocks/mineral exploration.	
2. Applicant should submit copies of work order and completion certificate issued by client.	
3. Total cost of the projects/works of DGPS-Total Station should not be less	
4. Applicant should submit a list of completed, submitted DGPS-Total Station Survey and Demarcation report.	
5. Applicant should submit the procedure/methodology and technology used for DGPS-Total Station Survey and Demarcation works completed for mineral sectors.	

Supporting Document:

The above information must be supported by essential documentary evidences including work orders and completion certificates duly certified by the assignee.

Signature & seal of the
Applicant

ANNEXURE-III
TECHNICAL RESOURCES OF THE APPLICANT

1. Applicant should have own at least two DGPS and five Total Station.
2. Applicant should submit list of DGPS and Total Station owned by the Company/Agencies/Individual.
3. Applicant should submit date of Purchase, make and model of DGPS and Total Station owned by Company/Agency/Individual.
4. Applicant should have at least five Surveyors, two Geologists, two Mining Engineers and Supporting Manpower to carry DGPS-Total Station Survey and Demarcation work.
5. Applicant should submit details of software used by Company for DGPS and Total Station Survey and Demarcation data.
6. Applicant should submit the Curriculum Vitae of all human resource engaged by the Company/Agencies/Individual.

Supporting Document:

The above information must be supported by essential documentary evidences.

Signature & seal of the
Applicant

ANNEXURE-IV

OBJECTIVE OF EMPANELMENT

(A) Scope of Work

1. Empanelment of Agencies for DGPS-Total Station Survey and Demarcation in the State of Telangana for the existing mining lease/prospecting license/quarry lease/applied area and Mineral Blocks in the State of Telangana as per Rule 33 of Mineral Concession Rules, 1960 and Rule 5 and 9 of Mineral (Auction) Rules, 2015.
2. Acquisition of certified copies Khata/Khasra and Village Maps will be responsibilities of Tenderer.
3. Acquisition of GTS Points and RL from Survey of India will be the sole responsibility of the Tenderer.
4. Acquisition of Satellite Imageries will be the sole responsibility of the Tenderer.
5. The Survey Agency shall be responsible for the accuracy of the data collected during Survey.
6. Co-ordinates of the Boundary Pillars shall be established in the world Geodetic System, 1984 (WGS-84) datum.
7. Reports of this work have to be submitted in hard as well soft copy in desired format of Directorate of Geology.
8. The time limit of completion of work will be 2 months from the date work order.
9. Firstly draft copy of the report should be submitted to Directorate of Geology then after the approval of the Draft copy final report should be submitted in four copies with all text, maps, all enclosures and calculation sheet.
10. The copy right of this report will be solely of Directorate of Geology. No part of the report can be used in any format without proper & prior permission of the Directorate of Geology.
11. Tenderer will have to fix RCC Permanent boundary pillars on ground after completion of DGPS-Total Station Survey and Demarcation in following manner:-
 - i. Each Boundary Pillar shall be surveyed using DGPS atleast 2 hour observation for its ground position.
 - ii. The minimum distance between two successive pillars should not be more than 50 meters.
 - iii. The Pillar shall be square pyramid frustum shaped above the surface and cuboid shaped below the surface. Each pillar shall be of Reinforced Cement Concrete (RCC). The corner pillar shall have a base of 0.30mX0.30m and height of 1.30m of which 0.70m shall be above ground level 0.60m below the ground.
 - iv. The intermediate pillars shall have a base of 0.25mX0.25m and height of 1.00m of which 0.70m shall be above the ground level and 0.30m below the ground level.
 - v. All the pillars shall be painted in yellow colour and the top ten centimeters in red colour by enamel paint and shall be grouted with the cement concrete.
 - vi. The tip of all the corner boundary pillars shall be a square of 15 centimeter on which a permanent circle of 10 centimeter diameter shall be drawn by point or engraved and the actual boundary points shall be intersection of two diameters drawn at 90°.
 - vii. Distance and bearing to the forward and backward pillars and latitudes and longitude shall be marked on the pillars.

(B) Responsibility of the Selected Applicant:

- i. The project work will be under the supervision and control of Director of Mines & Geology, Telangana.
- ii. The selected firm/firms will identify and nominate the representative (s) of their respective organization in carrying out the project successfully who will act as the project Leader from the firm's side.
- iii. The firm/firms shall be responsible for any modification and the related costs if the output product does not (a) comply with the specification as per its proposal or (b) rejected by Director of Mines & Geology, Telangana. Such modification work shall not exceed three weeks from the date of notification and shall adhere to the time schedule specified in the award or as may be mutually agreed upon.
- iv. The firm/firms shall not reveal give or sale the output/project information to any other party except than DMG, Telangana. The cost of such modification/modifications will be born by the firm/firms.
- v. The firm/firms shall make available softcopies of all output/data base to Director of Mines & Geology, Telangana.
- vi. The firm shall/may be required to do all such things as shall be necessary to supply all the technical data and information and technical assistance in respect of the project before its implementation at the request of Director of Mines & Geology, Telangana.

(C) Proprietary Rights:

- i. The survey output will be proprietary rights of Director of Mines & Geology, Telangana.
- ii. The firm/firms will keep the documents which contain or related to the development results for reference until such documents are delivered to Director of Mines & Geology, Telangana and shall promptly provide Director of Mines & Geology, Telangana with replacements thereof in case of loss or damage thereto. The firm/firms assume(s) liability for damages which are caused by the service/project before the same are handed over to Director of Mines & Geology, Telangana.
- iii. Director of Mines & Geology, Telangana represents and warrants that it has sufficient power, right and authority to enter into agreement and undertake the obligations set forth in the agreement.

(D) Technology Transfer

The firm/firms shall transfer the technology from the very beginning of starting of work till completion.

**Signature & seal of the
Applicant**

ANNEXURE-V
GENERAL TERM & CONDITION

- ❖ Applicant will be requested to give presentation of their work, procedure and experiences of performing DGPS-Total Station Survey Demarcation of Mineral Block before Technical Committee on informed date.
- ❖ The date of Technical presentation will be informed later.
- ❖ Selected Applicant will be asked for submission of Financial Bid on the later stage.
- ❖ The empanelment will be valid for **three years** from the date of deposit of security money as mentioned below:

The selected firms will be required to deposit an amount of **Rs.50,000/- (Rupees fifty thousand only)** in the form of Bank Guarantee issued by any Nationalized bank in favour of **Director, Department of Mines & Geology, Government of Telangana, Hyderabad**. This will be an interest free refundable deposit. In case of deviation of agreed terms & conditions, the security deposit will be forfeited. In case the firm/firms want(s) to withdraw themselves from the Empanelment list, the security deposit may be refunded to the firm/firms after deducting receivables of DMG, Telangana if any. Security deposit shall be refunded on expiry of validity period unless renewed by DMG, Telangana. In case work order is issued and the firm/Agency does not complete the work, the Security deposit shall be forfeited, provided situation on work site is proved to be beyond the control of the agency/firm and same is acceptable by the competent authority then this condition shall be waived.

Director of Mines & Geology, Telangana will evolve a rate contract through invitation of offers from empanelled vendors. Work shall be distributed to vendors/among vendors depending upon their capabilities and urgency of the Department. The decision of Director of Mines & Geology, Telangana in this regard shall be final. However, for execution of any complex project, Director of Mines & Geology, Telangana will select and invite firms from the empanelment list based on their suitability and capability matching the scope of the same project to participate in the tender for the project. The techno-commercial bids of the selected empanelled firms will be evaluated by the technical as well purchase committee of Director of Mines & Geology, Telangana. The L1 price offered by the firms through tender process shall be allotted the work to be executed. Director of Mines & Geology, Telangana, reserves the right to execute the job-work through any other firm/firms of its choice.

- ❖ All disputes shall be settled within the territorial Jurisdiction of the Court of Hyderabad only.

Signature & seal of the
Applicant